

STATUS OF THE CLAIMS

The status of the claims is as follows:

1 - 5. (Canceled)

6. (Original) A method of forming a needle assembly comprising:
providing a cannula having a sharp distal end and a proximal end;
crimping the proximal end to seal the proximal end;
inserting the cannula into a needle hub such that the proximal end of the cannula is
disposed in a glue well of the needle hub;
inserting glue into the glue well; and
curing the glue.

7. (Original) The method of claim 6 wherein the needle hub includes a neck having a profile substantially matching the profile of the cannula, and wherein the step of inserting the cannula into the needle hub includes positioning the cannula in the neck in a snug fit.

8. (Original) The method of claim 6 further comprising forming the proximal end of the cannula into a hook shape, wherein the step of crimping and the step of forming the hook are performed virtually simultaneously, wherein the crimp is formed by pressing a crimp pin onto the proximal end of the cannula, wherein the crimp is formed by pressing the proximal end of the cannula into a die, wherein the crimp pin is pressed into the proximal end of the cannula as the proximal end of the cannula is pressed into the die.

9. (Canceled)

10. (Original) A method of forming a needle assembly comprising:
providing a needle cannula having a distal end and a proximal end;
inserting the needle cannula into a needle hub;

extending the proximal end of the needle cannula beyond the needle hub;
crimping the proximal end of the needle cannula such that it is sealed and formed
into a mechanical interlock at the proximal end;
displacing the cannula distally such that the mechanical interlock is disposed within a
glue well in the needle hub;
inserting glue into the glue well; and
curing the glue with UV light.

11. (Original) The method of claim 10 further comprising lubricating the needle before inserting the needle cannula into the needle hub.

12. (Original) The method of claim 10 wherein the mechanical interlock is a hook and crimping the needle comprises:

disposing the proximal end of the needle cannula along a crimping pad; and
moving a crimping tool towards the needle cannula such that the tool forces the
cannula onto the pad.

13. (Original) The method of claim 12 wherein the crimping tool is a crimping pin, and wherein the crimping pin is moved in a straight line towards the needle cannula.

14. (Original) The method of claim 13 in which the crimping pin is moved exclusively in a direction perpendicular to the axis of the needle cannula.

15. (Original) The method of claim 13 in which the crimping pin is moved in a direction at a selected angle with respect to the axis of the needle cannula.

16. (Original) The method of claim 13 in which the crimping pin is displaced in an arcuate path toward the crimping pad.

17. (Original) The method of claim 13 in which a groove is disposed in the crimping pad.

18. (Original) The method of claim 17 in which the crimping pin deforms the needle cannula into the groove.

19. (Original) The method of claim 18 in which the crimping pin moves with respect to the crimping pad in a path that is either in a direction perpendicular to the axis of the needle cannula, in a direction at a selected angle with respect to the axis of the needle cannula, arcuate toward the crimping pad or a combination of these paths.

20. (Original) The method of claim 18 in which the axis of the crimping pin is off set from the axis of the groove.

21. (Original) The method of claim 20 in which the axis of the crimping pin is off set proximally with respect to the axis of the groove.

22 - 50. (Canceled)